

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013791.D
 Acq On : 25 Jan 2018 04:59
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A25

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.769	295	303	306	rBV6	14008	35774	1.01%	0.085%
2	6.781	638	645	658	rBV2	462845	876227	24.80%	2.078%
3	6.940	666	672	682	rVB	417090	632072	17.89%	1.499%
4	7.128	698	704	713	rBV	569770	900014	25.47%	2.135%
5	7.593	776	783	790	rBV	560435	890358	25.20%	2.112%
6	8.305	898	904	913	rBV	379697	644988	18.25%	1.530%
7	8.752	973	980	988	rBV	541308	915480	25.91%	2.171%
8	8.881	996	1002	1007	rBV3	36404	55639	1.57%	0.132%
9	9.463	1094	1101	1116	rVB	458788	811983	22.98%	1.926%
10	9.999	1186	1192	1204	rBV	650294	1189161	33.65%	2.821%
11	10.369	1244	1255	1261	rBV	727851	1229396	34.79%	2.916%
12	10.522	1275	1281	1291	rBV	272970	551916	15.62%	1.309%
13	11.916	1511	1518	1524	rBV4	28988	58422	1.65%	0.139%
14	13.410	1766	1772	1783	rBV2	45997	116838	3.31%	0.277%
15	13.663	1808	1815	1820	rBV	1283461	1781384	50.41%	4.225%
16	13.710	1820	1823	1830	rVB	468064	605485	17.14%	1.436%
17	13.934	1854	1861	1873	rVB	1450084	2196243	62.15%	5.209%
18	14.151	1891	1898	1903	rBV3	54815	83413	2.36%	0.198%
19	14.245	1906	1914	1922	rBV2	1059641	1620523	45.86%	3.844%
20	14.475	1947	1953	1968	rBV	369011	751618	21.27%	1.783%
21	14.786	2001	2006	2013	rBV6	30577	62550	1.77%	0.148%
22	15.057	2046	2052	2055	rBV	43250	57342	1.62%	0.136%
23	15.110	2057	2061	2068	rVB3	71653	96389	2.73%	0.229%
24	15.245	2078	2084	2090	rBV	1769164	2501503	70.79%	5.933%
25	15.386	2103	2108	2117	rBV	381489	572627	16.21%	1.358%
26	15.492	2121	2126	2128	rBV5	28494	39615	1.12%	0.094%
27	15.616	2139	2147	2152	rVB3	58185	104589	2.96%	0.248%
28	15.716	2160	2164	2169	rBV4	41800	62226	1.76%	0.148%
29	15.886	2187	2193	2199	rVV	1865875	2489631	70.46%	5.905%
30	15.975	2204	2208	2215	rVV3	86817	173726	4.92%	0.412%
31	16.151	2235	2238	2243	rVB7	23008	36409	1.03%	0.086%
32	16.657	2318	2324	2331	rBV2	309843	492390	13.93%	1.168%
33	16.733	2333	2337	2340	rVV5	63406	97517	2.76%	0.231%
34	16.769	2340	2343	2349	rVV6	69782	143770	4.07%	0.341%

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35	16.810	2349	2350	2357	rVB7	30999	42416	1.20%	0.101%
36	16.910	2362	2367	2372	rBV8	47513	76989	2.18%	0.183%
37	16.998	2375	2382	2387	rBV	1380714	1928182	54.57%	4.574%
38	17.039	2387	2389	2393	rVV2	104386	130289	3.69%	0.309%
39	17.098	2393	2399	2410	rVB	1851962	2698512	76.37%	6.401%
40	17.222	2417	2420	2426	rVB7	35487	57297	1.62%	0.136%
41	17.392	2445	2449	2452	rBV3	33550	56451	1.60%	0.134%
42	17.504	2465	2468	2473	rBV6	31344	52852	1.50%	0.125%
43	17.780	2513	2515	2522	rVB8	25528	36800	1.04%	0.087%
44	17.851	2522	2527	2532	rBV5	56851	123263	3.49%	0.292%
45	17.904	2532	2536	2546	rVV3	427792	648246	18.35%	1.538%
46	18.069	2561	2564	2568	rBV4	39937	59730	1.69%	0.142%
47	18.198	2581	2586	2589	rBV5	65711	88094	2.49%	0.209%
48	18.280	2595	2600	2604	rBV7	32500	58854	1.67%	0.140%
49	18.433	2622	2626	2633	rVB3	64236	100481	2.84%	0.238%
50	18.698	2668	2671	2679	rBV3	41986	71452	2.02%	0.169%
51	18.833	2691	2694	2697	rBV5	41747	54016	1.53%	0.128%
52	18.951	2710	2714	2719	rBV3	48463	87783	2.48%	0.208%
53	19.004	2719	2723	2726	rBV5	50859	74384	2.11%	0.176%
54	19.063	2726	2733	2738	rBV	569451	884663	25.04%	2.098%
55	19.192	2752	2755	2762	rBV3	226155	313611	8.88%	0.744%
56	19.404	2785	2791	2804	rBV2	2094031	3533569	100.00%	8.382%
57	19.674	2835	2837	2841	rVB2	52287	65451	1.85%	0.155%
58	19.739	2845	2848	2852	rVV	109086	147753	4.18%	0.350%
59	19.998	2889	2892	2895	rBV4	58033	74236	2.10%	0.176%
60	20.327	2945	2948	2949	rBV3	73551	72525	2.05%	0.172%
61	20.921	3045	3049	3055	rBV2	421268	539104	15.26%	1.279%
62	21.198	3091	3096	3100	rBV	1607218	2143407	60.66%	5.084%
63	22.733	3353	3357	3361	rBV3	233622	363233	10.28%	0.862%
64	23.257	3440	3446	3456	rVB	1452483	2838567	80.33%	6.733%
65	23.392	3463	3469	3476	rVB2	1030053	1859718	52.63%	4.411%

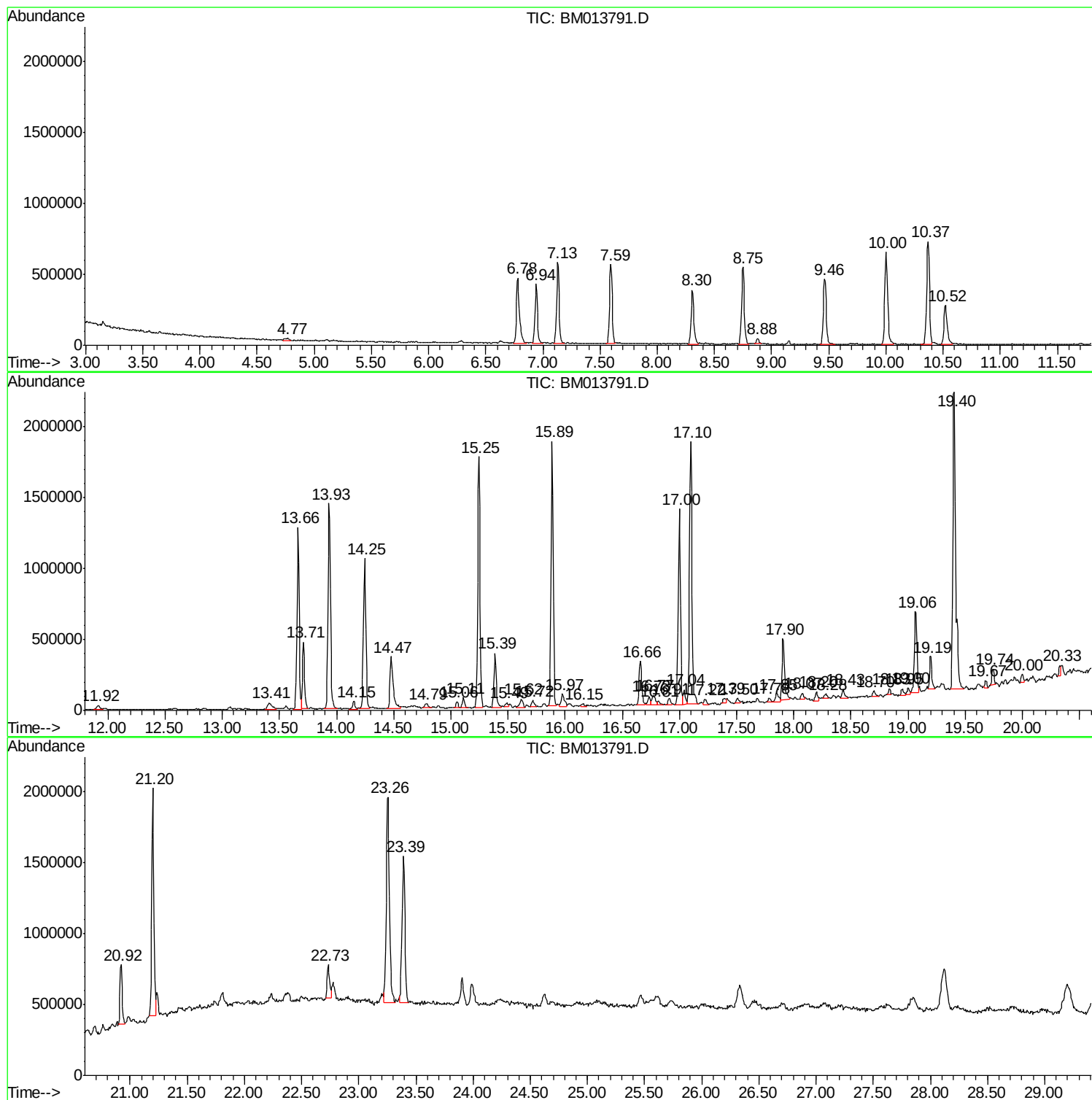
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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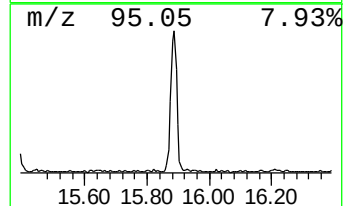
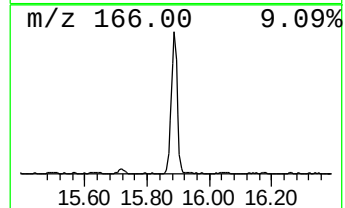
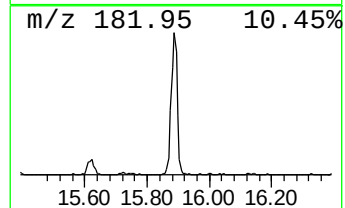
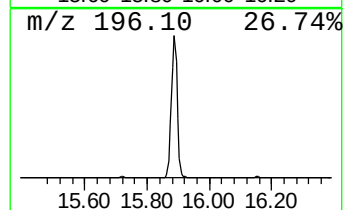
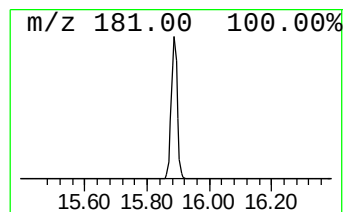
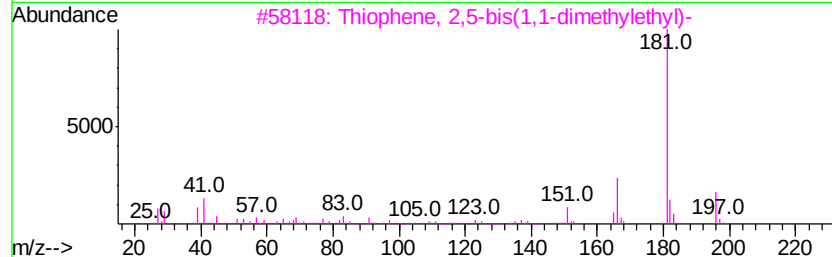
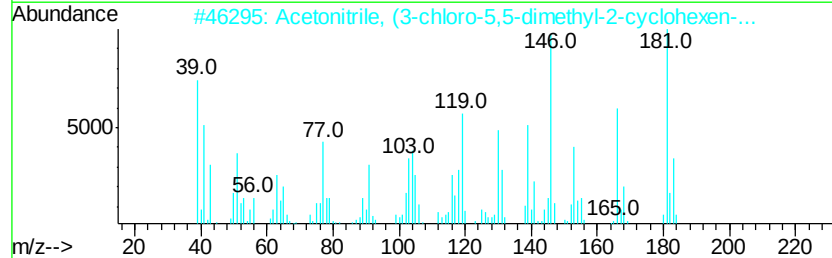
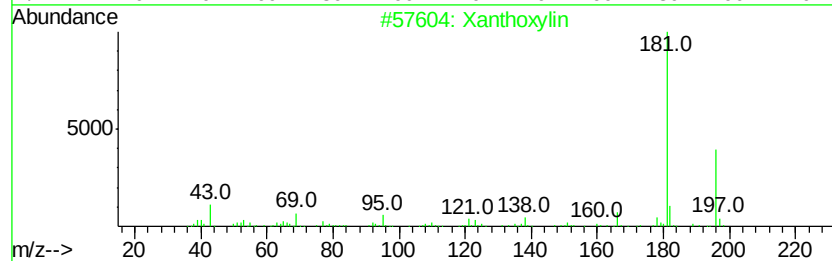
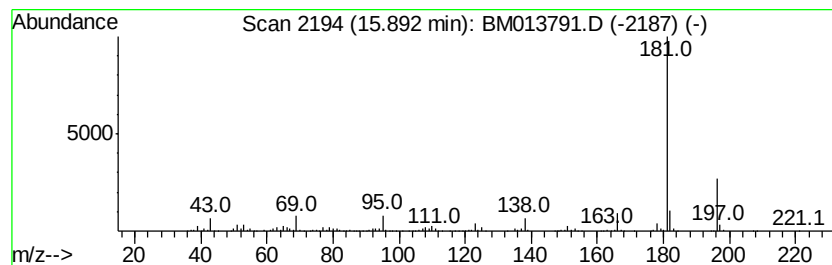
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Xanthoxylin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	25.82 ng/ul	2489630	Phenanthrene-d10	17.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Xanthoxylin		196 C10H12O4	000090-24-4 91
2	Acetonitrile, (3-chloro-5,5-dime...		181 C10H12ClN	076399-17-2 91
3	Thiophene, 2,5-bis(1,1-dimethyle...		196 C12H20S	001689-77-6 80
4	Benzene, 1-ethyl-2,3,4,5,6-penta...		196 C8H5F5	002251-81-2 64
5	2-t-Butylthieno[2,3-b]thiophene		196 C10H12S2	1000250-49-6 50



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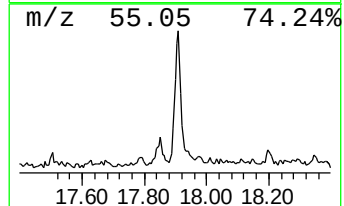
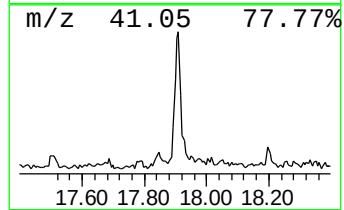
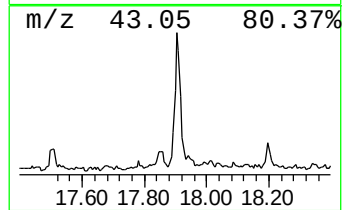
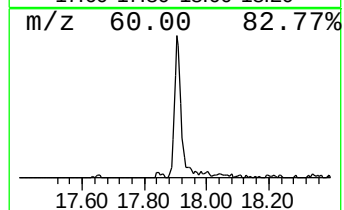
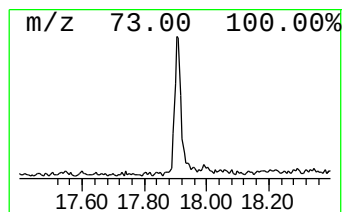
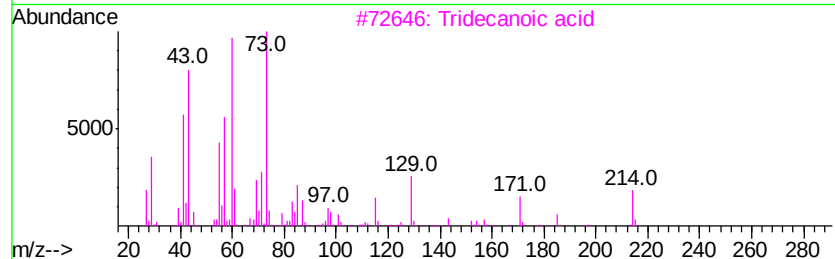
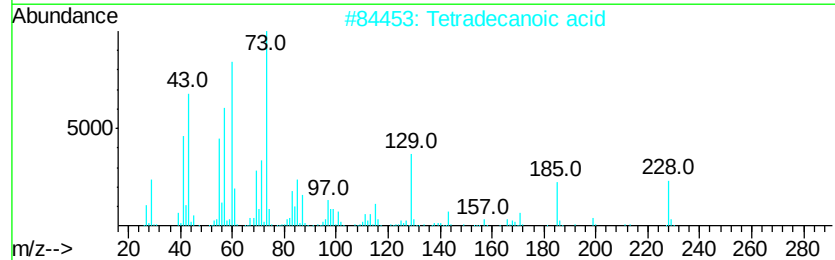
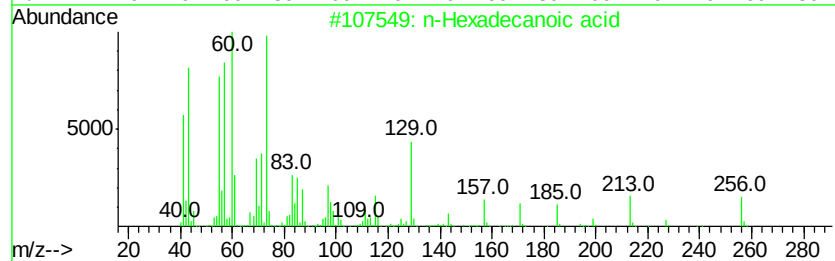
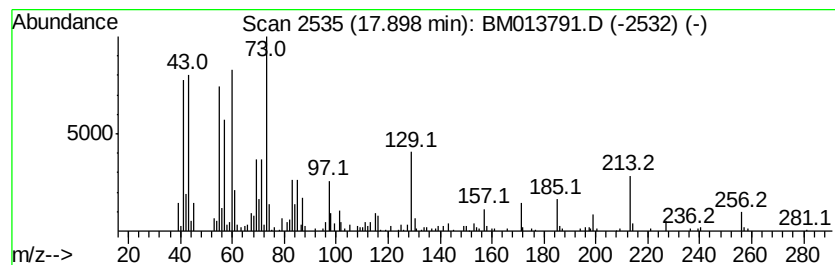
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.90	6.72 ng/ul	648246	Phenanthrene-d10		17.00	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Octadecanoic acid	284	C18H36O2	000057-11-4	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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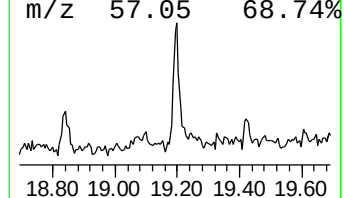
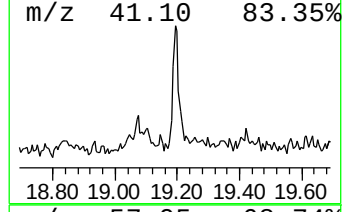
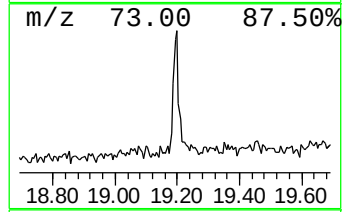
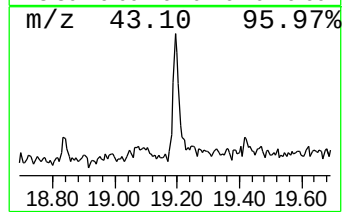
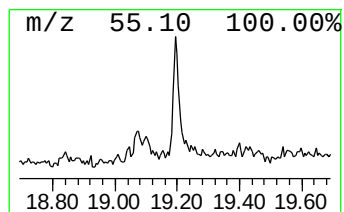
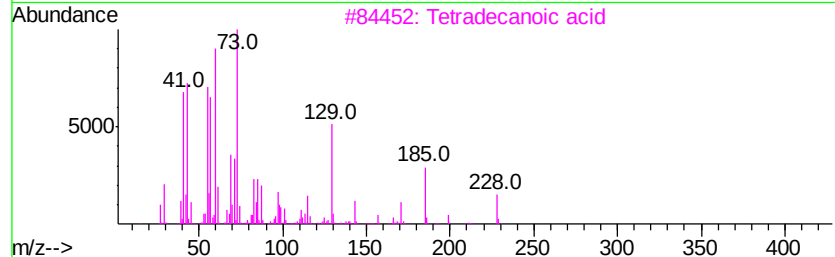
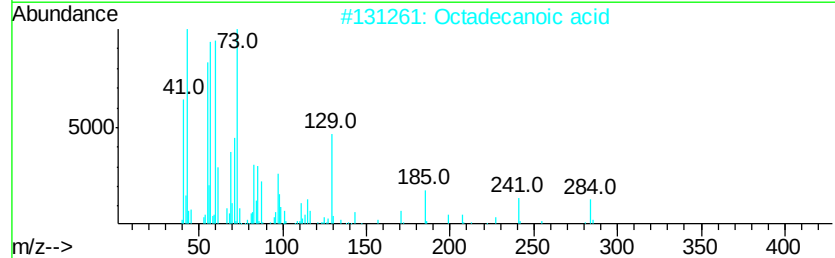
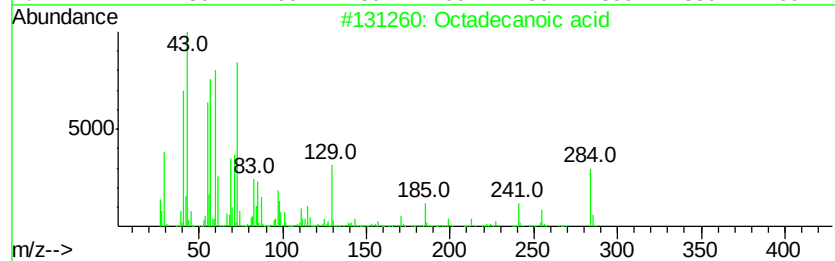
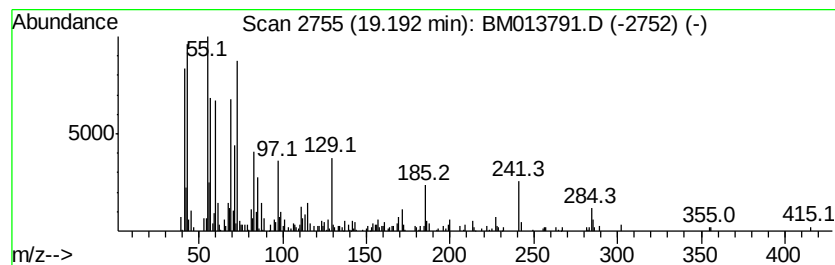
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.93 ng/ul	313611	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	89
2		Octadecanoic acid	284	C18H36O2	000057-11-4	81
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	55
4		Octadecanoic acid	284	C18H36O2	000057-11-4	55
5		Octadecanoic acid	284	C18H36O2	000057-11-4	52



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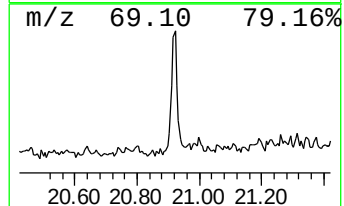
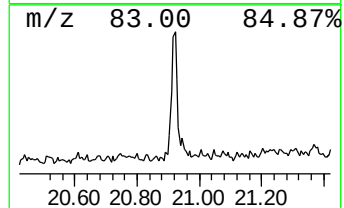
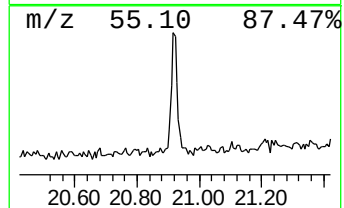
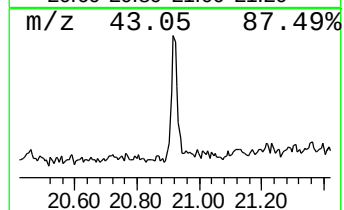
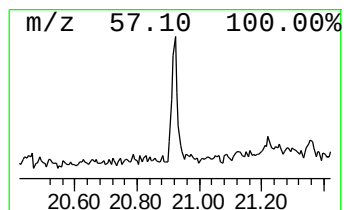
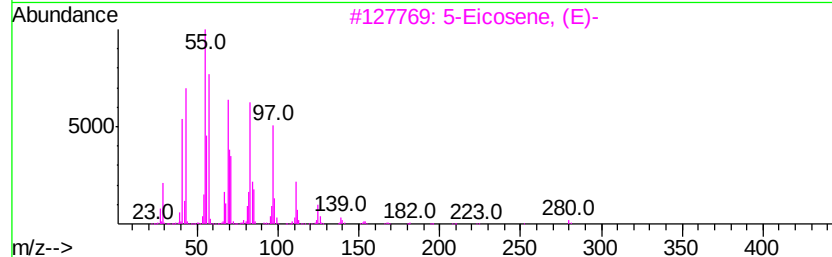
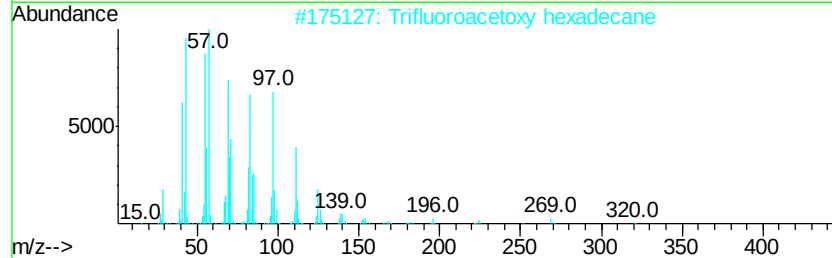
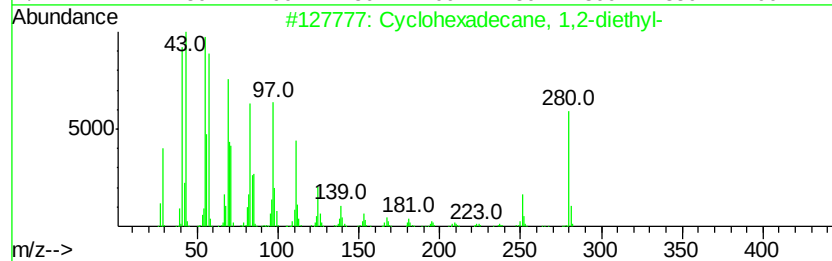
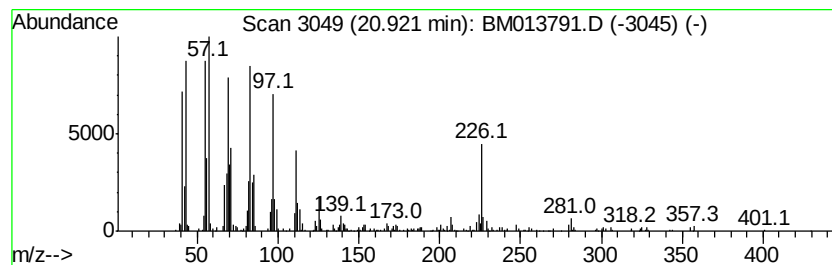
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Cyclic20.92 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	5.03 ng/ul	539104	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	90
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Xanthoxylin	15.89	25.8	ng/ul	2489630	4	17.00	1928180	20.0
n-Hexadecanoic acid	17.90	6.7	ng/ul	648246	4	17.00	1928180	20.0
Octadecanoic acid	19.19	2.9	ng/ul	313611	5	21.20	2143410	20.0
(DEL) Alkane: Cyc...	20.92	5.0	ng/ul	539104	5	21.20	2143410	20.0